

AWEX-G Forecast for Thursday, Nov. 6 (Nov 7 UT)

Forecast (updated 6:45pm CST): Very light NE winds below 10mph. Mostly clear becoming mostly cloudy by end of period. Very low bases.

RUC analysis not very good, so not to be trusted. Southward clearing trend should last for several hours before clouds move back in. Best window for operations definitely early on in the period. Precip chance is small, but if it happens it will be freezing.

Synopsis: 00Z [surface analysis](#): Frontal boundary has pushed way to the south. Oklahoma is in the middle of broad high pressure region.

[OK mesonet](#): Calm winds, mainly NE. Temps near freezing; dewpoints around mid-20s.

[Grant County forecast](#): Tonight. Partly cloudy then cloudy with a 20 percent chance of rain or light freezing drizzle or drizzle after midnight. Lows in the upper 20s. Light winds.

[RUC cloud forecast](#): Clear with cirrus moving in by midnight.

Observations at SGP@00 Z: Cold and Clear!

Decisions made at the 7pm AWEX-G meeting:

- 1) Go with a single 1500g balloon @ 0300 Z with RS-92 (GPS) and Frostpoint Hygrometer (w/RS-80 and SnowWhite).
- 2) At 0300, release a single 350g balloon, with RS80, RS90, Internet, Sippican.
- 3) Possibly do another launch similar to (2) and CFH at 0530 Z

What actually occurred?

- 1) A single 1500g balloon @ 0322 Z with RS-92 (GPS) and Frostpoint Hygrometer (w/RS-80 and SnowWhite).
- 2) At 0330, release a single 350g balloon, with RS80, RS90, Internet, Sippican.
- 3) scenario (2) was repeated at 0630Z

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SRL operated from 0322 – 0730 UTC: NB. chiller problem in the middle of operation. CARL ran throughout.

Belay